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(71) Applicant (for all designated States except US): **SUNTORY LIMITED** [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ONO, Eiichiro. TANAKA, Yoshikazu.**

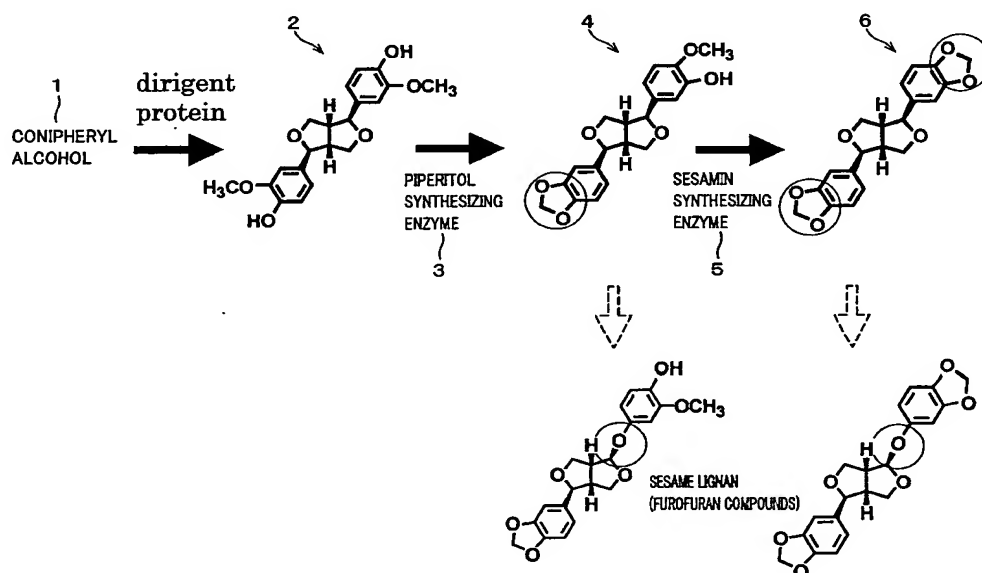
(74) Agent: **HARA, Kenzo**; Harakenzo World Patent & Trade-mark Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

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(54) Title: A GENE ENCODING AN ENZYME FOR CATALYZING BIOSYNTHESIS OF LIGNAN, AND USE THEREOF



(57) Abstract: The present invention provides an enzyme that catalyzes the reaction producing piperitol from pinoresinol, and a reaction producing sesamin from piperitol. The invention also provides a gene that encodes such enzyme. Further, the invention provides a vector and transformant including a gene encoding the enzyme, and a producing method of the protein using the transformant.